

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use several sheets if necessary)  (PTO-1449)	ATTY. DOCKET NO. 20609/181 (PD-98076)	SERIAL NO. 09/811,838
	APPLICANT Miller et al.	
	FILING DATE March 19, 2001	GROUP ART UNIT To be Assigned 1626

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE

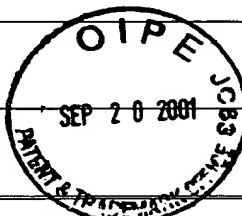
## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRAN- SLATION IF APPRO- PRIATE
SS	1	WO 99/47101	09/23/99	WIPO	—	—
SS	2	WO 99/08514	2/25/99	WIPO	—	—
SS	3	WO 98/41213	2/24/99	WIPO	—	—

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

SS	4	Swarthout et al., "Lysophosphatidic Acid: Receptors, Signaling and Survival," <u>CMLS, Cell. Mol. Life Sci.</u> 57:1978-1985 (2000)
SS	5	Levine et al., "Lysophosphatidic Acid: A Novel Growth and Survival Factor for Renal Proximal Tubular Cells," The American Physiological Society, pp 575-585 (1997)
SS	6	Steiner et al., "Lysophosphatidic Acid Induction of Neuronal Apoptosis and Necrosis," <u>Annals New York Academy of Sciences</u> pp 132-141, YEAR NOT AVAILABLE
SS	7	Ediger et al., "Dual Effects of Lysophosphatidic Acid on Human Airway Smooth Muscle Cell Proliferation and Survival," <u>Biochimica et Biophysica Acta</u> 59-67 (2001)
SS	8	Fang et al., "Lysophosphatidic Acid Prevents Apoptosis in Fibroblasts Via G <sub>i</sub> -Protein-Mediated Activation of Mitogen- Activated Protein Kinase," <u>Biochem J.</u> 352:135-143 (2000)
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SS	10	Furui et al., "Overexpression of Edg-2/vzg-1 Induces Apoptosis and Anoikis in Ovarian Cancer Cells in a Lysophosphatidic Acid-Independent Manner," <u>Clinical Cancer Research</u> 5:4308-4318 (1999)
EXAMINER		DATE CONSIDERED
Lam J. Stock		10/28/02
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		11	Goetzl et al., "Distinctive Expression and Functions of the Type 4 Endothelial Differentiation Gene-Encoded G Protein-Coupled Receptor for Lysophosphatidic Acid in Ovarian Cancer," <u>Cancer Research</u> 59:5370-5375 (1999)
		12	Goetzl et al., "Lysophosphatidic Acid and Sphingosine 1-Phosphate Protection of T Cells from Apoptosis in Association With Suppression of Bax," The American Association of Immunologists pp 2049-2056 (1999)
		13	Koh et al., "Lysophosphatidic Acid Is a Major Serum Noncytokine Survival Factor for Murine Macrophages Which Acts Via The Phosphatidylinositol 3-Kinase Signaling Pathway," <u>J. Clin. Invest.</u> 716-727 (1998)
		14	Holtsberg et al., "Lysophosphatidic Acid and Apoptosis of Nerve Growth Factor-Differentiated PC12 Cells," <u>Journal of Neuroscience Research</u> 53:685-696 (1998)
		15	Holtsberg et al., "Lysophosphatidic Acid Induces Necrosis and Apoptosis in Hippocampal Neurons," <u>Journal of Neurochemistry</u> 66-76 (1998)

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	1	Kharchenko et al., "Thermal Stability and Antiseize Properties of Some Phosphorus-Containing Lubricating Oil Additives,"
		1974:523954 <u>CAPLUS</u> 81:123954 (1974) (abstract)
	2	Li et al., "Site-Specific Photomodification of DNA by Porphyrin-Oligonucleotide Conjugates Synthesized via Solid Phase
		H-Phosphonate Approach," 1997:164802 <u>CAPLUS</u> 126:141410 (1997) (abstract)
	3	Gibbs, "The Synthesis of Phosphoramidates from Silylphosphites and Azides,"
		1977:453513 <u>CAPLUS</u> 87:53513 (1977) (abstract)
	4	Blume et al., "The Influence of Charge on Bilayer Membranes Calorimetric Investigations of Phosphatidic Acid Bilayers,"
		1980:53762 <u>CAPLUS</u> 92:53762 (1980) (abstract)
	5	Wei et al., "Study on New Amphoteric Surfactants of Phosphates I. Syntheses and Properties,"
		1998:750143 <u>CAPLUS</u> 130:126594 (1998) (abstract)
	6	Badalassi et al., "A Versatile Periodate-Coupled Fluorogenic Assay for Hydrolytic Enzymes,"
		2000:859470 <u>CAPLUS</u> 134:174618 (2000) (abstract)
	7	Bushnev et al., "Synthesis of Rac-3-benzoyl-1-deoxyceramide-1-phosphonic Acid,"
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8	Cates, "Phosphorus-nitrogen Compounds 12 Phosphamidase Studies 2 N-alkylphosphoramidic Acids,"
	1971:471703 <u>CAPLUS</u> 75:71703 (1971) (abstract)
9	Gasco et al., "Timolol in Lipospheres," 1992:221452 <u>CAPLUS</u> 116:221452 (1992) (abstract)
10	Avaeva et al., "Hydrolysis of Phosphoric Ester Serine Derivatives Containing Free Amino or Carboxylic Groups,"
	1972:34548 <u>CAPLUS</u> 76:34548 (1972) (abstract)
11	Valerio et al., "Synthesis of the Simple Peptide Model Ac-Abu (PO <sub>3</sub> H <sub>2</sub> )-NHMe,"
	1992:236128 <u>CAPLUS</u> 116:236128 (1992) (abstract)
12	Ryan et al., "Synthesis, Structure-Activity Relationships, and the Effect of Polyethylene Glycol on Inhibitors of
	Phosphatidylinositol-Specific Phospholipase C from Bacillus Cereus," 1996:618920 <u>CAPLUS</u> 126:16188 (1996) (abstract)
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